|                         |              |                              |          |              |          |          |           |          |              |     |              |           |                |              | 09/251,297     |             |           |           |          |           |           |          |          |            | LARRICK ET AL. |           |              |           |        |           |          |               |   |
|-------------------------|--------------|------------------------------|----------|--------------|----------|----------|-----------|----------|--------------|-----|--------------|-----------|----------------|--------------|----------------|-------------|-----------|-----------|----------|-----------|-----------|----------|----------|------------|----------------|-----------|--------------|-----------|--------|-----------|----------|---------------|---|
|                         |              |                              |          |              |          |          |           |          |              |     |              |           |                |              | E              | Examiner    |           |           |          |           |           |          |          |            |                | Art Unit  |              |           |        |           |          |               |   |
|                         |              |                              |          |              |          |          |           |          |              |     |              |           |                |              | С              | Chieh M Fan |           |           |          |           |           |          |          |            |                | 2634      |              |           |        |           |          |               |   |
|                         | Г            | / Rejected (Through numeral) |          |              |          |          |           |          |              |     |              |           |                |              |                |             |           |           |          |           |           | П        | <u> </u> |            |                |           |              |           |        |           |          |               |   |
|                         | ✓            | Rejected                     |          |              |          |          | Cancelled |          |              |     |              | ۵.,       |                |              |                | N Non-Elec  |           |           | ect      | ed        |           | Δ        | Appeal   |            |                |           |              |           |        |           |          |               |   |
|                         | =            | A                            | Allowed  |              |          |          |           | ÷        | + Restricted |     |              |           |                |              | I Interference |             |           |           |          | СӨ        |           | o        | Objected |            |                |           |              |           |        |           |          |               |   |
| Claim                   |              |                              | Date     |              |          |          |           |          |              | 7   | Са           | Claim     |                |              |                |             | Date      | <br>e     |          |           | $\neg$    | ſ        | Cla      | aim        |                | Date      |              |           |        |           |          | <del>.</del>  | 1 |
|                         | 5            | ٦                            |          |              |          |          | Π         | Τ        | Τ            | 1   |              | T         | S.             | L            |                |             |           |           |          |           |           | Ī        |          |            |                | T         | T            | T         | Т      | T         | Τ        | Ī             | 1 |
| Final<br>Original       | 1/27/05      | 81/49                        |          |              |          |          |           |          |              |     | Final        | Original  | \$/27/05       | 201249       |                |             |           |           |          |           | ı         |          | Final    | Original   |                |           |              |           |        |           |          |               |   |
| 1 1                     | =            | 11                           | H        | _            | <u> </u> | $\vdash$ | Ͱ         | ┝        | ╀            | ┨   | 46           | 51        | ╘              | 9            | -              | Н           | _         | Н         | -        | -         | $\dashv$  | ł        |          | 101        | Н              | -+        | +            | +         | +      | ╀         | +        | ╁             | i |
| 10 2                    | 1            | Ξ                            |          |              |          |          | L         |          | T            | 1   | 4            | 52        | =              | Ξ            |                |             |           | Н         |          | $\exists$ | ᅱ         | ŀ        |          | 102        | 1              | $\dashv$  | $\forall$    | 十         | +      | $\dagger$ | 十        | ╁             |   |
| 1b 3                    | 1            |                              |          |              |          |          |           | L        | L            | ]   | 48           | 53        | _              | Ξ            |                |             |           |           |          |           | $\Box$    |          |          | 103        | $\Box$         | $\Box$    | $\bot$       | $\perp$   | Ţ      | I         | L        |               |   |
| 24 4                    |              | ت                            | Н        |              | Н        |          | H         | H        | ╀            | 1   | \$8          | 54<br>55  | =              | = =          | H              | Н           |           | Н         |          | _         | $\dashv$  | ŀ        |          | 104<br>105 | $\dashv$       | +         | +            | +         | +      | +         | ╄        | ╀             | ł |
| 2 6                     | =            | E                            | Н        |              | Н        | -        | ┢         | H        | ╁            | 1   | 120          | 36        | 1              | -            | Н              | Н           |           | Н         | $\dashv$ | ᅥ         | ᅥ         | ŀ        | $\neg$   | 106        | -              | +         | +            | ╁         | +      | ╁         | +        | ╁             | 1 |
| 7 7                     | 0            | 3                            |          |              |          |          |           |          | İ            | 1   |              | 37        |                |              |                |             |           |           |          |           | ╛         | į        |          | 107        |                | 1         |              | _         | 1      | T         |          |               |   |
| <del>Ψ</del> 8          | 0            | 3                            | Н        |              | H        |          | ├-        | -        | ╀            | ┨   | <u> </u>     | 58        | <u> </u>       | L            | Ц              |             | Ц         | Ц         | 4        | 4         | _         | -        |          | 108        | $\Box$         | 4         | 4            | 1         | $\bot$ | 1         | ļ.,      | ļ.,           |   |
| 5 9<br>6 10             | 0=           | 11 (1                        | Н        | _            | H        | _        | ├         | ┝        | ╁            | 1   | -            | 59<br>60  | ├              | H            | Н              |             |           | $\dashv$  | +        | $\dashv$  | $\dashv$  | ŀ        |          | 109<br>110 | $\dashv$       | +         | +            | +         | ╀      | ╀         | ╁        | ╁             |   |
| 7 11                    | =            | 5                            | Н        | $\exists$    | Н        |          | -         |          | 1            | 1   | $\vdash$     | 61        | $\vdash$       |              | Н              | Н           |           | $\exists$ | 1        | 1         | 一.        | ł        |          | 111        | $\vdash$       | $\pm$     | $^{\dagger}$ | +         | ╈      | +         | ╁╌       | 十             |   |
| 8 12                    | Ξ            | Ŀ                            |          |              |          |          |           |          | L            | ]   |              | 62        |                |              |                |             |           |           |          |           |           |          |          | 112        |                |           |              |           |        |           |          |               |   |
| 9 13                    |              | ٠                            | Н        | 4            |          | _        | L         | L        | ╄            |     | <u> </u>     | 63        | L              | $oxed{oxed}$ | Ц              | Ц           | 4         |           | _        | _         | _         | -        |          | 113        | Ц              | 1         | 1            |           | 1      | L         | $\perp$  |               |   |
| 11 15                   | 7            | 1.                           | $\dashv$ | $\dashv$     | Н        | -        | ⊢         | H        | ╀            | ł   |              | 64<br>65  | -              |              |                | -           | _         |           | +        | -         |           | }        |          | 114<br>115 |                | +         | +            | +         | +      | +         | ┼-       | ┼             |   |
| (2 16                   | ヾ            | ٦                            | Н        | $\dashv$     | H        |          | H         |          | t            | 1   | -            | 66        | H              | -            | Н              |             | $\neg$    | $\dashv$  | +        | ┪         | -         | ŀ        |          | 116        | +              | +         | +            | +         | ╫      | ╁         | ╁        | ┢             |   |
| 77                      | 0            |                              |          |              |          |          |           |          |              | ]   |              | 67        |                |              |                |             |           |           |          |           |           | ľ        |          | 117        | 1              | $\top$    | T            | T         | +      | ✝         | †        | $\vdash$      |   |
| 15 18                   | 0            | 1                            |          | _            | $\Box$   |          | L         | L        | L            |     | <u> </u>     | 68        | L              |              |                |             |           | $\Box$    |          | $\Box$    |           |          |          | 118        | $\Box$         | $\perp$   | I            | I         |        | L         | 上        |               |   |
| ( <b>4</b> 19 15 20     | 0            | 11 11                        |          | $\dashv$     | $\dashv$ |          | H         | H        | ⊦            |     | -            | 69<br>70  | -              |              | $\dashv$       | -           | $\dashv$  | $\dashv$  | $\dashv$ | -         |           | ŀ        | -        | 119<br>120 |                | +         | +            | +         | ╀      | ╀         | ╀        | H             |   |
| 17 21                   | ٥            | ۔                            | $\dashv$ | _            | $\dashv$ |          | Н         |          | H            | ľ   | ┢            | 71        | Н              |              | $\dashv$       | ᅱ           | ┪         | $\dashv$  | ┰        | +         | $\dashv$  | ŀ        | $\dashv$ | 121        | $\dashv$       | ╁         | ┿            | +         | +      | ╁         | ╁        | -             |   |
| (8 22                   | <b>▼</b>     | 11                           |          |              |          |          |           |          |              | 1   |              | 72        |                |              |                |             | $\exists$ |           | 1        | ╛         |           | t        |          | 122        | 寸              | +         | $\top$       | +         | +      | ╁         | ╁        |               |   |
| 19 23                   | 1            | =                            | _        | 4            | 4        | _        |           | L        | L            |     | <u> </u>     | 73        |                |              |                |             | $\Box$    |           | $\Box$   | $\Box$    | $\Box$    | ſ        |          | 123        |                | Ţ         | Ţ            | Ţ         |        | I         |          |               |   |
| ) o 24<br>25            | 0 4          | 1,1                          | $\dashv$ | $\dashv$     | ┥        | -        | H         | ┝        | ├-           | ┨   | <u> </u>     | 74<br>75  | Н              | _            | -              | $\dashv$    | -         | $\dashv$  | $\dashv$ | +         | -         | ŀ        |          | 124<br>125 | +              | +         | +            | +         | ╁      | ╀         | Į∸       | Н             |   |
|                         | <del>,</del> | =                            | $\dashv$ | $\dashv$     | 7        |          | Н         | $\vdash$ | -            | 1   | <del> </del> | 76        | Н              | $\dashv$     | $\dashv$       | +           | -         | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$  | ŀ        |          | 126        | ┰              | ┿         | +            | ╁         | +      | ╁         | ╁        |               |   |
| x 27                    | ٥            | -                            |          |              |          |          |           |          | 仜            | 1.  |              | 77        |                |              |                | 7           | $\exists$ | 寸         | 1        | ┪         | ٦.        | ٠ŀ       |          | 127        | 寸              | +         |              | 十         | ╈      | †         | 1        |               |   |
|                         | ٥            | =                            | $\dashv$ | $\Box$       |          |          | Ц         |          |              | l   |              | 78        |                |              |                | $\Box$      |           |           | _        | $\Box$    | ٦.        |          |          | 128        |                | Ţ         | I            | I         | Ţ      |           |          |               |   |
| 25 29<br>26 30<br>21 31 | 9 0          | E.                           | $\dashv$ | 4            | -        | -        | Н         | _        | -            | 1   |              | 79<br>80  | Н              |              |                | -           | 4         | $\dashv$  | $\dashv$ | $\dashv$  |           | ŀ        |          | 129        | $\dashv$       | +         | +            | +         | +-     | +         | ├-       | Н             | } |
| 2/1 31                  | 픣            | 2                            | $\dashv$ | $\dashv$     | +        | -        | Н         |          | 1            | -:  | -            | 81        | Н              | $\dashv$     |                | $\dashv$    | $\dashv$  | $\dashv$  | +        | $\dashv$  | $\dashv$  | 1        | $\dashv$ | 130<br>131 | $\dashv$       | +         | +            | +         | +      | +         | ╁        | Н             |   |
| 28 32                   | 0            | ٦                            | <u>ゴ</u> | □            |          |          |           |          |              | 1   |              | 82        |                |              | J              |             |           |           | _        | ╛         | $\exists$ | t        |          | 132        | 士              | 十         | _            | †         | 丁      | T         | T        | Н             |   |
| 33   84                 | 0            | ٤                            | $\bot$   | $\downarrow$ | 4        | _        | Ш         |          | L            | 1   | 匚            | 83        | Ц              | $\Box$       | Д              | $\Box$      | Į         | $\Box$    | $\Box$   | $\Box$    |           | Ĺ        |          | 133        | $\Box$         | Ţ         | Ţ            | Ţ         | Γ      |           |          |               |   |
|                         | 0            | 2                            | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ | $\vdash$  | <u> </u> | $\vdash$     | ł   | <u> </u>     | 84<br>85  | $\vdash\dashv$ | 4            | -              | +           | $\dashv$  | $\dashv$  | +        | +         | -         | -        | -        | 134<br>135 | -              | 4         | +            | +         | +      | ╀         | ┞-       | Н             |   |
| 22 36                   | 0            | Ξ                            | $\dashv$ | +            | $\dashv$ | $\dashv$ | H         | $\vdash$ | $\vdash$     | · · | <u> </u>     | 86        | $\vdash$       | -            | ┪              | +           | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  | Η΄        | $\vdash$ | +        | 136        | +              | +         | ╬            | +         | +      | +         | $\vdash$ | Н             |   |
| 34 37                   | 0            | _                            | コ        |              |          |          |           |          |              |     |              | 87        |                |              |                |             | $\exists$ | I         | $\top$   | 1         | _         | t        |          | 137        | 寸              | $\dagger$ | $\dagger$    | $\dagger$ | 十      | 十         | ╁        | Н             |   |
|                         | 0            | -                            | 4        | $\dashv$     |          | _        |           |          |              |     |              | 88        |                | $\Box$       |                | _           | $\Box$    | $\Box$    | $\Box$   |           | 4         | Ĺ        |          | 138        | $\Box$         | Ţ         | Ţ            | I         | I      |           |          |               | İ |
| 35 39<br>36 40          | 0            |                              | +        | $\dashv$     | $\dashv$ | $\dashv$ |           | -        | ┝            |     |              | 89<br>90  | $\dashv$       | 4            | 4              | $\dashv$    | -         | +         | +        | +         |           | ŀ        |          | 139        | 4              | 4         | +            | +         | ╀      | ╀         |          | $\vdash$      |   |
|                         |              | 틸                            | $\dashv$ | +            | $\dashv$ | -        | Н         |          | $\vdash$     |     | $\vdash$     | 91        | $\vdash$       | $\dashv$     | $\dashv$       | $\dashv$    | $\dashv$  | ╅         | $\dashv$ | $\dashv$  | $\dashv$  | +        |          | 140<br>141 | +              | +         | +            | +         | +      | +         | +        | Н             | ı |
| 38 42                   | ٥            | 1                            |          |              |          |          |           |          |              |     |              | 92        |                | ╛            |                | コ           | J         | ╛         | I        | 士         | $\exists$ | r        |          | 142        | _              | 士         | †            | T         | 1      | T         | t        | H             | ı |
| 29 43                   | 0            |                              | 4        | 4            | 4        | $\dashv$ |           |          |              |     |              | 93        | $\Box$         | 耳            | $\exists$      | $\exists$   | $\Box$    | Ţ         | $\Box$   | $\Box$    | コ         | F        | $\Box$   | 143        | $\Box$         | T         | T            | Γ         | I      | Г         | Г        | П             |   |
| 40 44<br>41 45          | 0            | 늴                            | $\dashv$ | $\dashv$     | +        | -        | $\dashv$  |          | $\vdash$     |     | <del> </del> | 94<br>95  | $\dashv$       | 4            | +              | +           | 4         | +         | +        | +         | $\dashv$  | F        |          | 144        | +              | 4         | +            | +         | ╀      | $\vdash$  | $\vdash$ | Н             |   |
|                         | 0            |                              | $\dashv$ | +            | $\dashv$ | $\dashv$ | $\vdash$  |          | $\vdash$     | 1   | <b></b>      | 96        | $\dashv$       | $\dashv$     | $\dashv$       | $\dashv$    | $\dashv$  | $\dashv$  | +        | ╅         | $\dashv$  | H        |          | 145        | +              | +         | ╁            | +         | ╁      | ╁         | ├        | Н             |   |
| 43 47                   | 0            | Ξ                            | $\Box$   |              | 丁        |          |           |          |              |     |              | ·97       |                |              | ⇉              |             | $\exists$ | _         | 士        | 士         | ╛         | 十        |          | 147        | 士              | 士         | +            | 士         | T      | T         |          | H             |   |
|                         | 0            | =                            | $\dashv$ | 4            | $\bot$   | 1        | 4         | Ц        | $\Box$       |     |              | 98        | $\Box$         | $\beth$      | J              | Ţ           | J         | $\Box$    | Ţ        | Ţ         | $\Box$    |          |          | 148        | $\bot$         | T         | Ţ            | T         | Ξ      |           | $\Box$   | 口             |   |
| 45 50                   | 위            | 뒥                            | +        | +            | +        | $\dashv$ | $\dashv$  | -        | $\vdash$     |     |              | 99<br>100 | $\dashv$       | $\dashv$     | +              | $\dashv$    | $\dashv$  | $\dashv$  | +        | +         | $\dashv$  | 1        |          | 149<br>150 | +              | -         | +            | +         | +      | ⊢         | -        | $\vdash \mid$ |   |
| لمتعامت                 |              |                              |          |              |          |          | 1         |          | ш            | '   |              | ,,,,,,    |                |              |                |             | _         |           |          |           |           | L        |          | 100 ]      |                |           |              |           |        |           |          | لــا          |   |
|                         |              |                              |          |              |          |          | _         |          |              |     |              |           |                |              |                |             |           |           |          |           |           | _        |          |            |                |           | _            |           |        |           |          |               |   |

Application No.

Index of Claims

Applicant(s)